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L1 18218 S (DR? OR DEHYDR? OR LYOPHIL?) (3A) LIPOSOM?

L2 3328 S (DR? OR DEHYDR? OR LYOPHIL?) (A) LIPOSOM?

Blessing

L2 ANSWER 3328 OF 3328 USPATFULL on STN

ACCESSION NUMBER: 81:5050 USPATFULL

TITLE: Storage stability of aqueous dispersions of spherules

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PRIORITY INFORMATION:	FR 1978-2927	19780202
DOCUMENT TYPE:	Utility	
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PRIMARY EXAMINER:	Lovering, Richard D.	
LEGAL REPRESENTATIVE:	Cushman, Darby & Cushman	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	484	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Aqueous dispersions of spherules in the form of organized molecular layers of lipids, between which is encapsulated an aqueous phase containing at least one active substance are rendered more storage-stable by lyophilization. They can readily be reconstituted by re-hydration.

SUMM . . . low temperatures and the removal of water do not destroy the structure of the liposomes, with the result that the **liposome lyophilisates** can be rehydrated and can reproduce, on rehydration, aqueous dispersions which are substantially identical to the initial dispersions i.e. prior. . . .

SUMM . . . length of time in the lyophilised state and to subsequently regenerate them by rehydration at the desired moment. Moreover, the **liposome lyophilisates** according to the present invention possesses the general advantages of lyophilised products from the point of view of protection against. . . .

SUMM The present invention also provides the **lyophilised liposome** composition produced in the process.

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